

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2241071	(acetone or tetrahydrofuran or chlorocarbon or toluene or dimethylformamide or water or "ethyl acetate" or "dimethyl sulfoxide")	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 11:32
L4	473341	(luminescen\$2 or fluorescen\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/13 09:05
L6	379854	(authenti\$6 or verif\$7)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/13 09:06
L9	163776	quench\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 11:26
L11	614883	(acetone or tetrahydrofuran or chlorocarbon or toluene or dimethylformamide or "ethyl acetate" or "dimethyl sulfoxide")	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 11:32
L12	61	(l9 same l4 same l11) and l6	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 11:44
L28	15	(wash with l2) same emission and l4 same identify	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/13 13:58
S1	4	((("5502304") or ("4819658") or ("4652143") or ("4283382")).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/06 08:33
S2	64	("3088875"   "3551555"   "3553310"   "3853987"   "3939350"   "4020151"   "4061466"   "4108972").PN. OR ("4283382").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/05 18:52
S4	5	((GUILFORD) near2 (JONES)).INV.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/05 19:03
S6	45	((SHAWN) near2 (BURKE)).INV.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/05 19:02
S8	34	((PETER) near2 (MCDONALD)).INV.	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/05 19:02

## EAST Search History

S15	45	("3500047"   "4572803"   "4983817"   "5367148"   "5401960").PN. OR ("5502304").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/06 17:43
S16	54	("4061578"   "4202491"   "4283382"   "4311914"   "4463970"   "4464787"   "4507349"   "4540595"   "4652143"   "4752141"   "4819658"   "4837169"   "4859777"   "4877965"   "4954714"   "4983817"   "5005873"   "5039219"   "5093147"   "5158703"   "5281825"   "5304809"   "5323008"   "5351268"   "5360628"   "5414266"   "5464986"   "5502304"   "5514860"   "5523573"   "5525798"   "5542971"   "5543971"   "5591981"   "5622821"   "5656433"   "5693693"   "5837042"   "5854008"   "5861618"   "6030657").PN. OR ("6402986").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 16:37
S17	33	("20030005304"   "20030012562"   "20030056104"   "5210411"   "5521722"   "5719948"   "6115494"   "6263438"   "6314192"   "6320675"   "6332031"   "6332194"   "6334187"   "6373965"   "6374965"   "6390362"   "6394358"   "6402986"   "6441380"   "6481753"   "6578712"   "6590996"   "6700995"   "6718046"   "6721440"   "6763123"   "6763124"   "6804377"   "6832783"   "6874639").PN. OR ("6996252").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/06 18:52
S19	534	((235/491,468)).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 16:53
S20	2881	((250/458.1-461.1)).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 16:54
S21	1055	(252/301.16).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 16:55
S22	835	(283/74,85,96).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 16:56
S24	5247	S19 or S20 or S21 or S22	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/07 16:57

## EAST Search History

S27	941	lifetime with modif\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/07 17:05
S28	6613	exponential with decay	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/07 17:06
S29	353777	function with time	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/07 17:06
S30	781	S28 same S29	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/07 17:13
S31	20	S30 and S24	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/07 17:18

## EAST Search History

S35	125	("20010014169"   "20010021144"   "20010024510"   "20010026377"   "20010028727"   "20010030759"   "20010030761"   "20010033674"   "20010037313"   "20010037455"   "20010040980"   "20010052076"   "20010053235"   "20010054644"   "20020015509"   "20020018879"   "20020021824"   "20020023218"   "20020027612"   "20020027674"   "20020031241"   "20020040433"   "20020057431"   "20020067844"   "20020073317"   "20020080396"   "20020099943"   "20020118394"   "20020163633"   "20020176600"   "20030005304"   "20030012562"   "20030032033"   "20030056104"   "4504084"   "4725462"   "4739377"   "5051835"   "5093147"   "5291243"   "5385371"   "5481377"   "5521722"   "5530751"   "5530759"   "5557412"   "5568555"   "5617119"   "5636874"   "5646997"   "5652626"   "5661574"   "5687236"   "5689623"   "5696594"   "5721788"   "5748763"   "5760386"   "5787186"   "5788285"   "5790693"   "5790703"   "5809139"   "5822436"   "5825892"   "5832186"   "5862218"   "5862260"   "5875249"   "5893101"   "5905800"   "5905819"   "5915027"   "5919730"   "5930369"   "5933798"   "5946414"   "5951055"   "5960081"   "5960103"   "5974548"   "5978013"   "6045656"   "6046808"   "6054021"   "6094483"   "6104812"   "6115494"   "6122403"   "6128411"   "6136752"   "6185312"   "6185683"   "6192138"   "6201879"   "6233347"   "6233684"   "6234537"   "6246777"   "6263438"   "6272176"   "6272248"   "6272634"   "6281165"   "6285776"   "6304345"   "6314192"   "6320675"   "6332031"   "6332194"   "6334187"   "6356363"   "6373965").PN. OR ("6390362"   "6394358"   "6404926"   "6438251"   "6481753").PN. OR ("6718046"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 17:24
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## EAST Search History

S36	226	decay with signature	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 17:25
S37	17	S36 and (S35 or S24)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 17:25
S38	67	("3207910"   "3412245"   "3444517"   "3468046"   "3473027"   "3483388"   "3513320"   "3522432"   "3614430"   "3654463"   "3718078"   "3738299"   "3760161"   "3830682"   "3894164"   "4019060"   "4047033"   "4146792"   "4211813"   "4374328"   "4451521"   "4485308"   "4533244"   "4633451"   "4650320"   "4791310"   "4839092"   "4866694"   "4908516"   "4915982"   "5038359"   "5042020"   "5210411"   "5220166"   "5289451"   "5325243"   "5463212"   "5471281"   "5491586"   "5495466"   "5525798"   "5542971"   "5548106"   "5608225"   "5611958"   "5638228"   "5668363"   "5745460"   "5745461"   "5760384"   "5790489"   "5804447"   "6006991").PN. OR ("6264107"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 18:03
S39	1451	lanthanide with chelate	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 18:09
S40	2895	ligand same (aromatic with ring)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 18:10
S41	14	S39 and S40	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 18:14
S50	3893860	(change or alter or compare)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 18:19
S52	13	S24 and S27	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 18:31
S53	798997	(imidazole or phosphine or pyridine or carboxylic or ketone or polyester or amide)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 18:33
S54	12	S53 same S27	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 18:33

## EAST Search History

S55	29229	(print) same (time) same (different or separate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/11 11:38
S56	534	((235/491,468)).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:21
S57	24	S55 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/11 11:33
S58	79	((Auslander) near (judith)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/11 11:33
S59	9	S55 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/11 11:34
S64	1416	second same tag same appl\$3 same after	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/11 11:55
S65	9	S64 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/11 11:52
S66	1110	modif\$3 with lifetime	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/11 15:24
S67	473066	(luminescen\$2 or fluorescen\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/11 15:25
S68	2984220	(imidazole or phophine or pyridne or polymer or carboxylic or ketone or polyester or biopolymer or alkene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/11 15:26

## EAST Search History

S69	50	S66 same S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/11 15:27
S70	19	S69 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/11 15:59
S72	41	("4061578"   "4202491"   "4283382"   "4311914"   "4463970"   "4464787"   "4507349"   "4540595"   "4652143"   "4752141"   "4819658"   "4837169"   "4859777"   "4877965"   "4954714"   "4983817"   "5005873"   "5039219"   "5093147"   "5158703"   "5281825"   "5304809"   "5323008"   "5351268"   "5360628"   "5414266"   "5464986"   "5502304"   "5514860"   "5523573"   "5525798"   "5542971"   "5543971"   "5591981"   "5622821"   "5656433"   "5693693"   "5837042"   "5854008"   "5861618"   "6030657").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 16:09
S73	17	S72 and S68	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 10:37
S74	15579	wash with solvent	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 10:47
S75	24043	compare\$3 with spectr\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 10:38
S79	473341	(luminescen\$2 or fluorescen\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/12 10:39
S80	69	S79 and S74 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/12 10:42
S81	473739	(authentic\$5 or valid\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/12 10:42

## EAST Search History

S82	23	S80 and S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/12 10:43
S83	2241071	(acetone or tetrahydrofuran or chlorocarbon or toluene or dimethylformamide or water or "ethyl acetate" or "dimethyl sulfoxide")	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 10:46
S84	960205	solvent	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 10:47
S85	549338	S84 with S83	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 10:52
S86	35	(S85 same S75) and S79	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/12 11:19
S98	50	heat same sensitive same ink same check	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/13 09:02